

## ABSTRACT OF THE DISCLOSURE

The invention provides a noise elimination device that can be installed easily on a coaxial cable and that can effectively eliminate noise from both the center conductor and the outer conductor. Coaxial connectors 2 and 3 are provided on both ends of a tube-shaped housing 1 made of an insulator, and a coil made by winding a coaxial cable of thin diameter is around an open magnetic ferrite core is disposed inside the housing 1 and connected to the connectors 2 and 3 at the two ends. The earth-side connector thickness of the outer conductor of the coaxial cable and the connector as well as all earth-side conductors, such as shield members 7 connecting the connectors with the outer conductors of the coaxial cable, is at least 0.1mm.